

APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO UIZ-038	SERIAL NO. 09/653,730
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Whiteley, M. et al.	FILING DATE September 1, 2000
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>GH</i>	A1	5,591,872	01/97	Pearson et al.	549	321	
<i>GH</i>	A2	5,593,827	01/97	Bycroft et al.	435	6	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

<i>GH</i>	A3	Adar <i>et al.</i> (1993) "GroESL proteins facilitate binding of externally added inducer by LuxR protein-containing <i>E. coli</i> cells," <i>J Biolumin Chemilumin.</i> 8(5):261-6
	A4	Baldwin, T.O. <i>et al.</i> (1989) "The complete nucleotide sequence of the lux regulon of <i>Vibrio fischeri</i> and the luxABN region of <i>Photobacterium leiognathi</i> and the mechanism of control of bacterial bioluminescence," <i>J. of Biolum. and Chemilum.</i> 4:326-341
	A5	Brint, J. M. <i>et al.</i> (1995) "Synthesis of multiple exoproducts in <i>Pseudomonas aeruginosa</i> is under the control of RhlR-RhlI, another set of regulators in strain PAO1 with homology to the autoinducer-responsive LuxR-LuxI family," <i>J. Bacteriol.</i> 177:7155-7163
	A6	Britigan, <i>et al.</i> (1999) "The <i>Pseudomonas aeruginosa</i> secretory product pyocyanin inactivates alpha1 protease inhibitor: implications for the pathogenesis of cystic fibrosis lung disease," <i>Infect Immun.</i> 67(3):1207-12
	A7	Chapon-Herve, V. <i>et al.</i> (1997) "Regulation of the xcp secretion pathway by multiple quorum-sensing modulons in <i>Pseudomonas aeruginosa</i> ," <i>Mol. Microbiol.</i> 24:1169-1170
	A8	Cormack, B. P. <i>et al.</i> (1996) "FACS-optimized mutants of the green fluorescent protein (GFP)," <i>Gene.</i> 173(1):33-38
	A9	Cunliffe, H. E. <i>et al.</i> (1995) "Cloning and characterization of pvdS, a gene required for pyoverdine synthesis in <i>Pseudomonas aeruginosa</i> : PvdS is probably an alternative sigma factor," <i>J. Bacteriol.</i> 177: 2744-2750
	A10	Davies, D. G. <i>et al.</i> (1998) "The involvement of cell-to-cell signals in the development of a bacterial biofilm," <i>Science.</i> 280(5361):295-8
	A11	Devine, J.H. <i>et al.</i> (1989) "Identification of the operator of the lux regulon from the <i>Vibrio fischeri</i> strain ATCC7744," <i>PNAS</i> 86: 5688-5692
	A12	Eberhard, A., <i>et al.</i> (1991) "Synthesis of the lux gene autoinducer in <i>vibrio fischeri</i> is positively autoregulated," <i>Arch. of Microbiol.</i> 155:294-297
	A13	Evans, K., <i>et al.</i> (1998) "Influence of the MexAB-OprM multidrug efflux system on quorum sensing in <i>Pseudomonas aeruginosa</i> ," <i>J. Bacteriol.</i> 180:5443-5447
	A14	Figurski, D. H. <i>et al.</i> (1979) "Replication of an origin-containing derivative of plasmid RK2 dependent on a plasmid function provided in trans," <i>Proc. Natl. Acad. Sci. USA</i> 76: 1648-1652
Examiner		Date Considered
<i>[Signature]</i>		<i>9/2000</i>
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B1	Fuqua, <i>et al.</i> (1994) "Quorum sensing in bacteria: the LuxR-LuxI family of cell density-responsive transcriptional regulators," <i>J Bacteriol.</i> 176(2):269-75
B2	Fuqua, W.C. <i>et al.</i> (1996) "Census and consensus in bacterial ecosystems: the LuxR-LuxI family of quorum-sensing transcriptional regulators," <i>Annu. Rev. Microbiol.</i> 50:727-751
B3	Fuqua, C. <i>et al.</i> (1998) "Self perception in bacteria: quorum sensing with acylated homoserine lactones," <i>Curr Opin Microbiol.</i> 1(2):183-189
B4	Gambello, M. J. <i>et al.</i> (1991) "Cloning and characterization of the <i>Pseudomonas aeruginosa</i> lasR gene, a transcriptional activator of elastase expression," <i>J. Bacteriol.</i> 173: 3000-3009
B5	Georgakopoulos, D. G. <i>et al.</i> (1994) "Cloning of a Phenazine Biosynthetic Locus of <i>Pseudomonas Aureofaciens</i> PGS12 and analysis of its expression in vitro with the ice nucleation reporter gene," <i>Appl. Environ. Microbiol.</i> 60:2931-2938
B6	Gray, K.M. <i>et al.</i> (1992) "Physical and functional maps of the luminescence gene cluster in an autoinducer-deficient <i>Vibrio fischeri</i> strain isolated from a squid light organ," <i>J. Bacteriol.</i> 174:4384-4390
B7	Hassan, H. M. <i>et al.</i> (1979) "Intracellular production of superoxide radical and of hydrogen peroxide by redox active compounds," <i>Arch Biochem Biophys.</i> 196(2):385-95
B8	Hassan, H. M. <i>et al.</i> (1980) "Mechanism of the antibiotic action pyocyanine," <i>J Bacteriol.</i> 141(1):156-63
B9	Holloway, B. W., <i>et al.</i> (1979) "Chromosomal genetics of <i>Pseudomonas</i> ," <i>Microbiol. Rev.</i> 43:73-102
B10	Jamin, M. <i>et al.</i> (1991) "Accumulation of acyl-enzyme in DD-peptidase-catalysed reactions with analogues of peptide substrates," <i>Biochem J.</i> 280(Pt 2):499-506
B11	Hanzelka, B.A. <i>et al.</i> (1995) "Evidence that the N-terminal region of the <i>Vibrio fischeri</i> LuxR protein constitutes an autoinducer-binding domain," <i>J Bacteriol.</i> 177:815-817
B12	Hanzelka, B.A. <i>et al.</i> (1996) "Quorum sensing in <i>Vibrio fischeri</i> : evidence that S-adenosylmethionine is the amino acid substrate for autoinducer synthesis," <i>J. Bacteriol.</i> 178:5291-5294
B13	Kaplan, H.B. <i>et al.</i> (1985) "Diffusion of autoinducer is involved in regulation of the <i>Vibrio fischeri</i> luminescence system," <i>J. Bacteriol.</i> 163:1210-1214
B14	Kohler, T., <i>et al.</i> (1997) "Characterization of MexE-MexF-OprN, a positively regulated multidrug efflux system of <i>Pseudomonas aeruginosa</i> ," <i>Mol. Microbiol.</i> 23:345-354

Examiner

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C1	Latifi, A. et al. (1995) "Multiple homologues of LuxR and LuxI control expression of virulence determinants and secondary metabolites through quorum sensing in <i>Pseudomonas aeruginosa</i> PAO1," <i>Mol. Microbiol. Rev.</i> 17:333-344
C2	Latifi, A. et al. (1996) "A hierarchical quorum-sensing cascade in <i>Pseudomonas aeruginosa</i> links the transcriptional activators LasR and RhlR (VsmR) to expression of the stationary-phase sigma factor RpoS," <i>Mol. Microbiol.</i> 21:1137-1146
C3	Linn, T. et al. (1990) "Improved vector system for constructing transcriptional fusions that ensures independent translation of lacZ," <i>J. Bacteriol.</i> 172:1077-1084
C4	Mavrodi, D. V. et al. (1998) "A seven-gene locus for synthesis of phenazine-1-carboxylic acid by <i>Pseudomonas fluorescens</i> 2-79," <i>J. Bacteriol.</i> 180:2541-8
C5	Miller, V. L. et al. (1988) "A novel suicide vector and its use in construction of insertion mutations: osmoregulation of outer membrane proteins and virulence determinants in <i>Vibrio cholerae</i> requires toxR," <i>J. Bacteriol.</i> 170:2575-2583
C6	More, M. I. et al. (1996) "Enzymatic synthesis of a quorum-sensing autoinducer through use of defined substrates," <i>Science.</i> 272(5268):1655-8
C7	Ochsner, U.A., et al. (1995) "Autoinducer-mediated regulation of rhamnolipid biosurfactant synthesis in <i>Pseudomonas aeruginosa</i> ," <i>PNAS</i> , 92:6424-6428
C8	Parsek, M. R. et al. (1999) "Acyl homoserine-lactone quorum-sensing signal generation," <i>Proc. Natl. Acad. Sci. USA.</i> 96:4360-4365
C9	Passador, L., et al. (1993) "Expression of <i>Pseudomonas aeruginosa</i> virulence genes requires cell-to-cell communication," <i>Science</i> 260:1127-1130
C10	Passador, L. et al. (1996) "Functional analysis of the <i>Pseudomonas aeruginosa</i> autoinducer PAI," <i>J Bacteriol.</i> 178(20):5995-6000
C11	Pearson, J.P et al. (1994) "Structure of the autoinducer required for expression of <i>Pseudomonas aeruginosa</i> virulence genes," <i>PNAS</i> 91:197-201
C12	Pearson, J. P., et al. (1997) "Roles of <i>Pseudomonas aeruginosa</i> las and rhl quorum-sensing systems in control of elastase and rhamnolipid biosynthesis genes," <i>J. Bacteriol.</i> 179:5756-5767
C13	Pearson, J. P. et al. (1999) "Active efflux and diffusion are involved in transport of <i>Pseudomonas aeruginosa</i> cell-to-cell signals," <i>J. Bacteriol.</i> 181:1203-1210
C14	Pesci, E.C. et al. (1997) "Regulation of las and rhl quorum sensing in <i>Pseudomonas aeruginosa</i> ," <i>J. Bacteriol.</i> 179:3127-3132

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D1	Pesci, E.C. et al. (1997) "The chain of command in Pseudomonas quorum sensing," <i>Trends in Microbiol.</i> 5(4):132-135
D2	Poole, K. et al. (1996) "Overexpression of the mexC-mexD-oprJ efflux operon in nfxB-type multidrug-resistant strains of Pseudomonas aeruginosa," <i>Mol. Microbiol.</i> 21:713-724
D3	Poole, K. et al. (1993) "Multiple antibiotic resistance in Pseudomonas aeruginosa: evidence for involvement of an efflux operon," <i>J. Bacteriol.</i> 175:7363-7372
D4	Rombel, I. et al. (1995) "Identification of a DNA sequence motif required for expression of iron-regulated genes in pseudomonads," <i>Mol. Gen. Genet.</i> 246: 519-528
D5	Ruby, E.G. (1996) "Lessons from a cooperative, bacterial-animal association: the Vibrio fischeri-Euprymna scolopes light organ symbiosis," <i>Ann. Rev. Microbiol.</i> 50:591-624
D6	Rust, L. et al., (1996) "Analysis of the Pseudomonas aeruginosa elastase (lasB) regulatory region," <i>J. Bacteriol.</i> 178:1134-1140
D7	Salmond, G.P.C. et al. (1995) "The bacterial 'enigma': cracking the code of cell-cell communication," <i>Mol. Microbiol.</i> 16:615-624
D8	Schaefer, A. L. et al. (1996) "Generation of cell-to-cell signals in quorum sensing: acyl homoserine lactone synthase activity of a purified Vibrio fischeri LuxI protein," <i>Proc Natl Acad Sci U S A.</i> 93(18):9505-9
D9	Schaefer, A. L. et al. (1996) "Quorum sensing in Vibrio fischeri: probing autoinducer-LuxR interactions with autoinducer analogs," <i>J Bacteriol.</i> 178(10):2897-901
D10	Schweizer, H. P. (1993) "Small broad-host-range gentamycin resistance gene cassettes for site-specific insertion and deletion mutagenesis," <i>Biotechniques</i> 15:831-833
D11	Seed, et al. (1995) "Activation of the Pseudomonas aeruginosa lasI gene by LasR and the Pseudomonas autoinducer PAI: an autoinduction regulatory hierarchy," <i>J. Bacteriol.</i> 177:654-659
D12	Simon, R. et al. (1986) "Plasmid vectors for the genetic analysis and manipulation of rhizobia and other gram-negative bacteria," <i>Meth. Enzym.</i> 118:640-659
D13	Simon, R., et al. (1983) "A broad host range mobilization system for in vivo genetic engineering: transposon mutagenesis in gram negative bacteria," <i>Bio-Technology</i> 1:784-791

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